



BASIC INSPECTION SCHEDULE* **

*** THIS IS NOT A COMPLETE LIST. Other inspections such as hazardous materials, lab gas piping, high piled storage and other special plan reviews or hazards will require additional inspections not mentioned below. Contact your assigned fire inspector for more information.**

**** All inspections listed below by number are considered one inspection and shall not be broken up into partial inspections unless otherwise noted or requested by the fire inspector.**

1. Underground visual and hydrostatic inspection of fire service line. **

This inspection includes a visual inspection of the fire service water line with the fire department connection and post indicator valve installed. Visual inspection includes but is not limited to:

- Type and size of pipe installed
- Plastic wrap: min. 8 mil for all metallic pipe
- Tracer wire: laid on top of the water main and taped (min. 10 mil) at intervals of 10 feet or wrapped in plastic if metallic pipe used, continuous between valve boxes, splices (soldered required)
- Thrust blocks (poured), class B concrete, clear of joints, and against undisturbed soil
- Type of connections
- Hydrostatic test of 200 psi (300 psi gauge required) for a minimum of two hours, center-loading recommended. All joints to remain open for inspection
- Fire hydrants with concrete pad: working and a minimum of 20" of clearance from lowest valve stem to finished grade.

NOTE: All weather (6" minimum of AB, 2" minimum of asphalt, 95% compaction) emergency access roadways (20 feet wide with turnaround if needed) and fire hydrants shall be provided prior to any combustible construction or storage on site.

2. Flush Inspection **

This inspection is a flush of your fire service line and shall be witnessed by the fire department. This flush will consist of a full flush of the size of pipe installed. Reducers will not be allowed. All SWPPP requirements shall be followed.

3. Weld Inspection **

An inspection of the fire sprinkler pipe of the welded outlets shall be conducted. Pipe shall be spread out on the ground in such a manner as to allow inspection of each outlet.

4. Overhead sprinkler and hydrostatic inspection **

Do not cover walls, ceilings, overhangs, soffits, piping, hangers or fasteners (in some cases insulation may cover up hangers and fasteners and shall not be installed prior to this inspection except for concealed combustible spaces meeting NFPA 13 requirements and needing inspection). All mechanical tees shall have disc hung at tee location and visible to the inspector. All aspects of this system shall be visible to the inspector from the ground level.

5. Drop ceiling inspection (T-bar) **

All sprinkler head drops shall be in place, fire-stopping of rated hard-lids, mechanical and insulation.



FIRE DEPARTMENT

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6. Fire Alarm inspection and kitchen hood suppression system **

Consists of all fire alarm appliances. Two fire alarm representatives with a means of communicating with each other shall be on site for this inspection. In some cases a 24-hour battery back up test may be required. All HVAC units equipped with duct detectors shall be operable for inspection. It is recommended that the mechanical and electrical installer be available for this inspection for questions and immediate repairs if needed.

Kitchen equipment shall be operable for inspection of gas and electrical shutdown in conjunction with the hood suppression system and the fire alarm system. Movable kitchen equipment shall have floor markings to indicate the correct position of equipment for nozzle protection.

7. Final Inspection **

Consists of but is not limited to:

- Fire extinguishers
- Exiting: Exits signs, emergency lighting, door hardware
- Illuminated addressing and suite numbers on all doors
- Escutcheons on sprinkler heads
- Site work: fire lanes, hydrants, painting of equipment
- Breakaway locks and other chain and locking requirements
- Signage
- High piled storage and marking stripe
- Knox box, suite keys are to be provided with key identification tags
- Gates: Click 2 Enter and Knox products
- Occupant load signs
- Requirements for interior finish
- As-built plans and all fees paid
- Other...